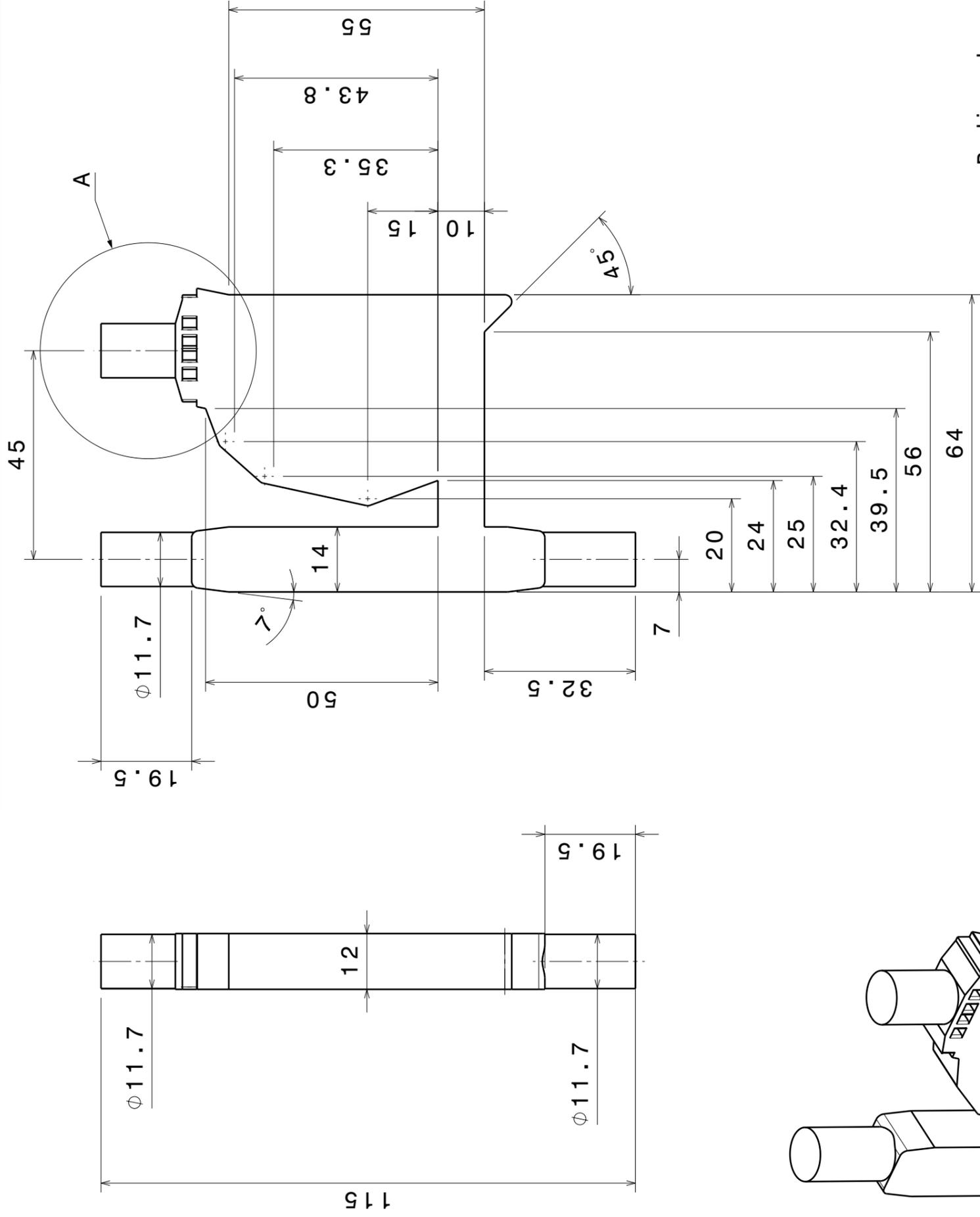


ANEXOS

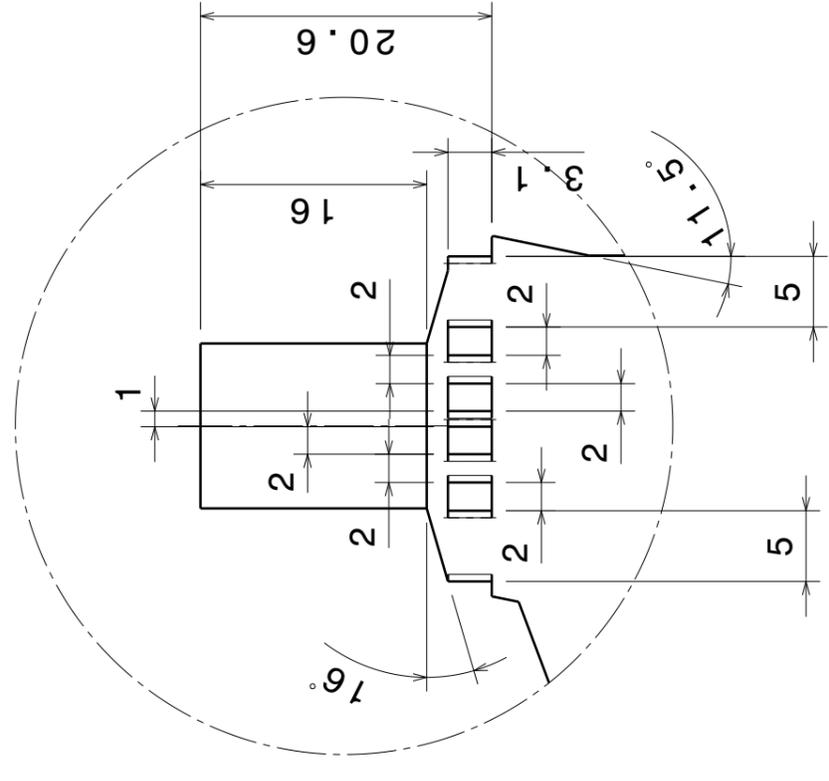
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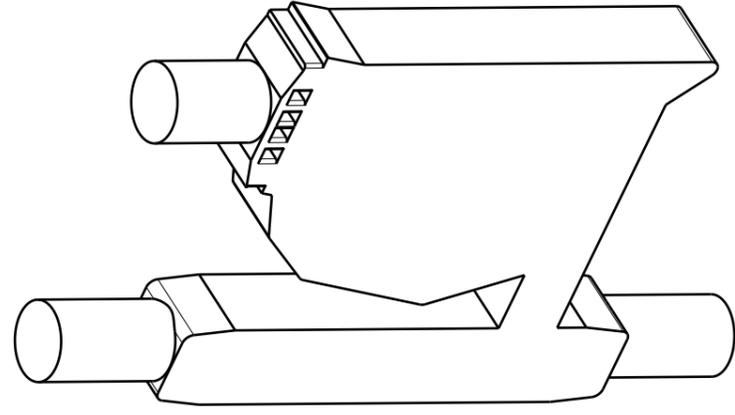
A.A PLANO DEL MODELO



Detalle A
Escala: 2:1



Radio de redondeo: 1.5 mm



Perspectiva Isométrica
Escala: 1:1

Tolerancias generales: ISO 2768 - m - K	Calidad superficial:
Materia: METACRILATO	Denominación: INTERIOR DEL MODELO DE OREJUELA BIDIMENSIONAL
Dibujado por: Sabino Liébana	Proyecto: INSTALACIÓN PIV PARA OREJUELA
	
Fecha: 15/03/2019	
Escala: 1:1	

A.B MEDIDAS PIV

En este anexo se mostrarán los campos de velocidades del ciclo cardiaco para orejuela flexible y orejuela rígida

OREJUELA FLEXIBLE

En la figura A.B.1. se muestran los instantes de medida en los que se han medido el campo de velocidad del flujo pulsante, se han realizado medidas en 1 ms, 50 ms, 75 ms, 100 ms, 150 ms, 200 ms, 300 ms, 400 ms, 500 ms, 600 ms, 650 ms, 675 ms, 700 ms, 750 ms, 800 ms, 900 ms y 950 ms.

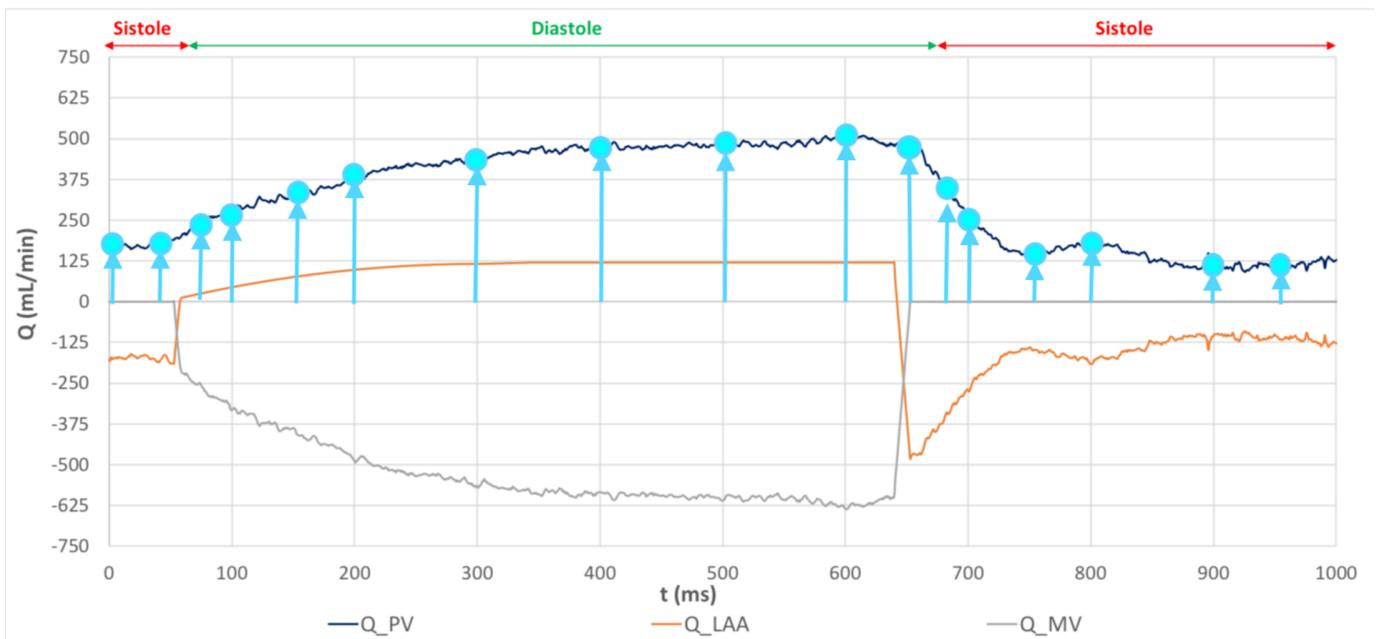
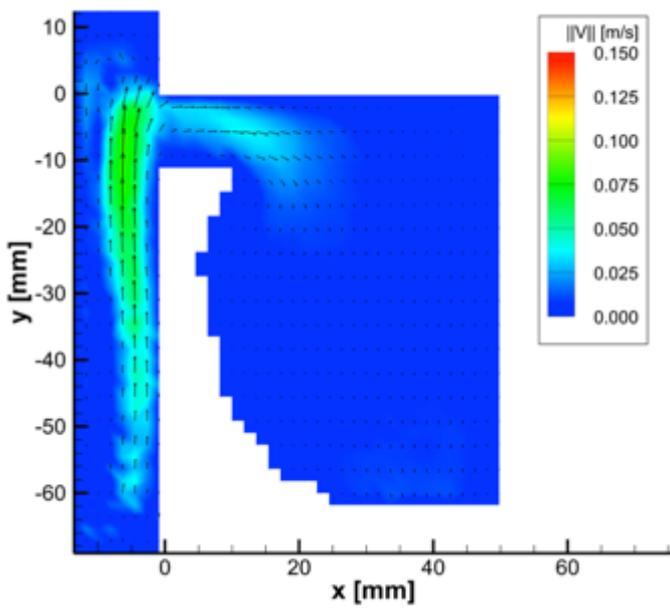
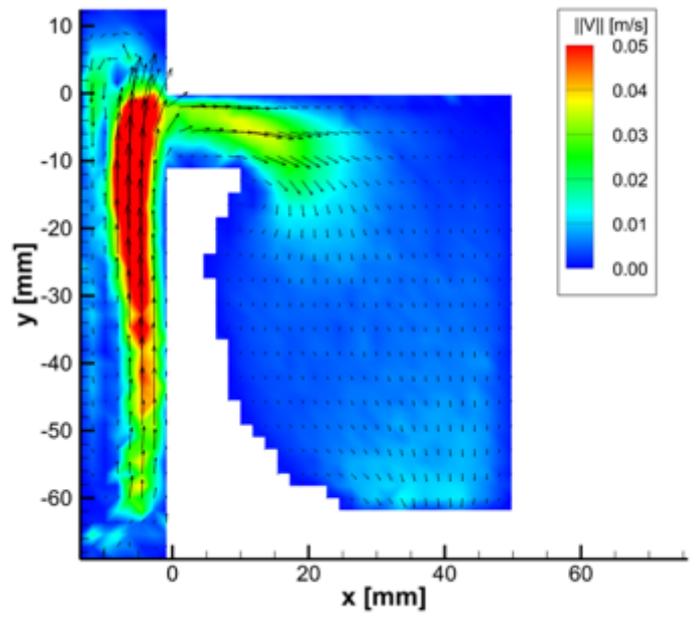


Figura A.B.1. Instantes de medida del campo de velocidad durante el ciclo cardíaco.

A continuación se mostrarán los campos de velocidad que se han medido.

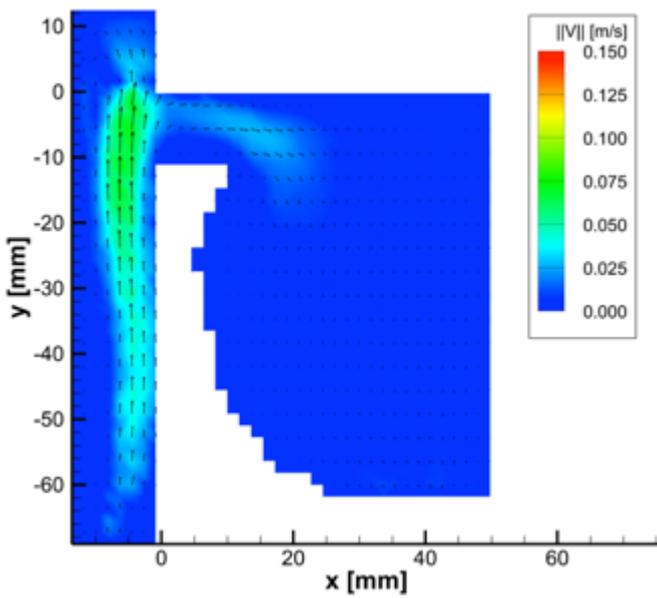


(1)

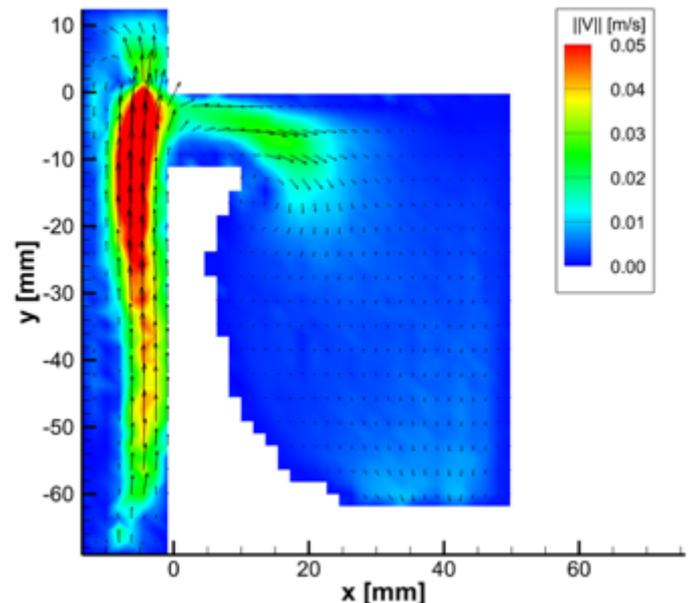


(2)

Campo de velocidades en orejuela flexible para ΔV LAA=1,2 ml en el instante $t=1$ ms

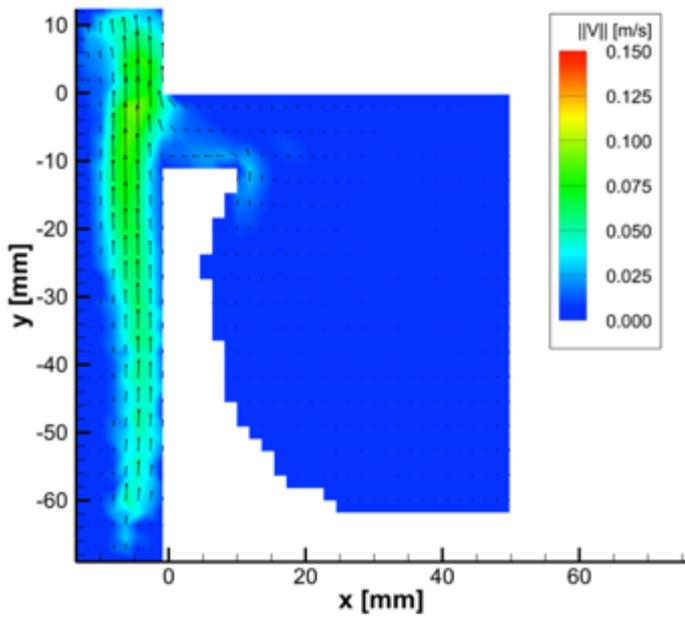


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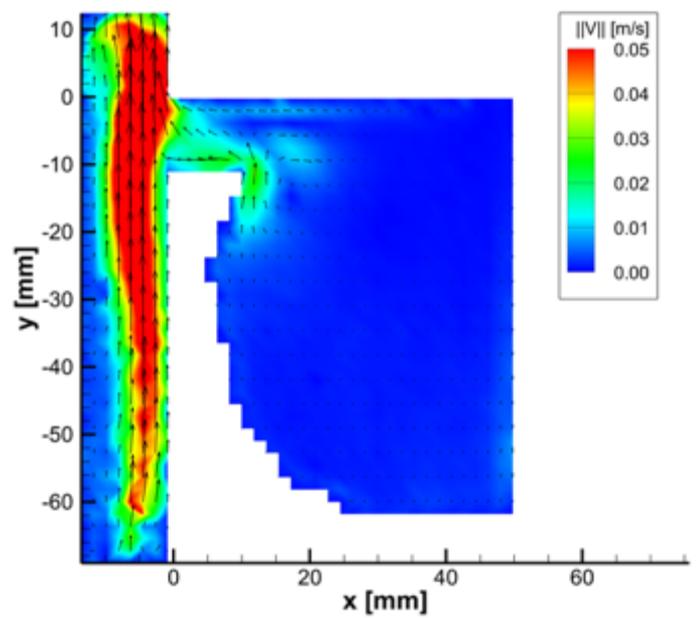


(4)

Campo de velocidades en orejuela flexible para ΔV LAA=1,2 ml en el instante $t=50$ ms

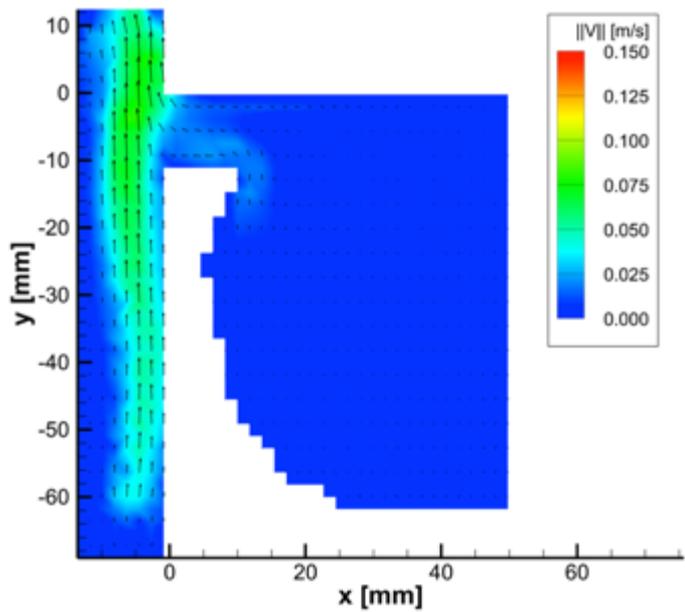


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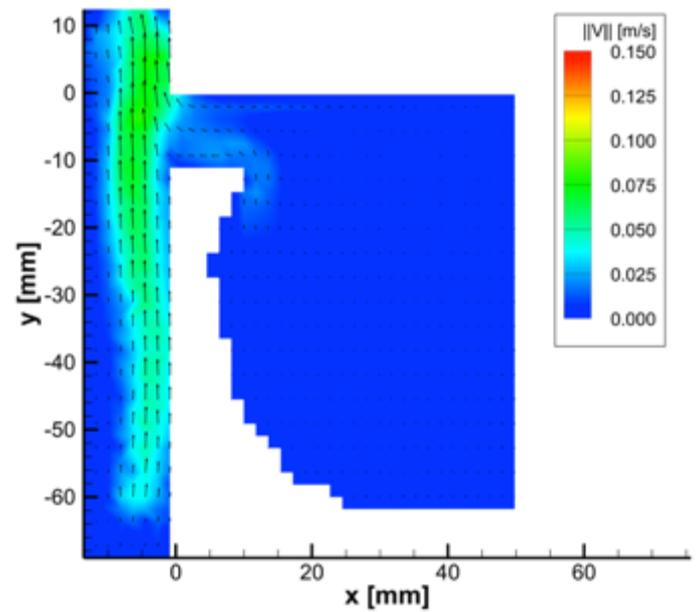


(6)

Campo de velocidades en orejuela flexible para ΔV LAA=1,2 ml en el instante $t=75$ ms

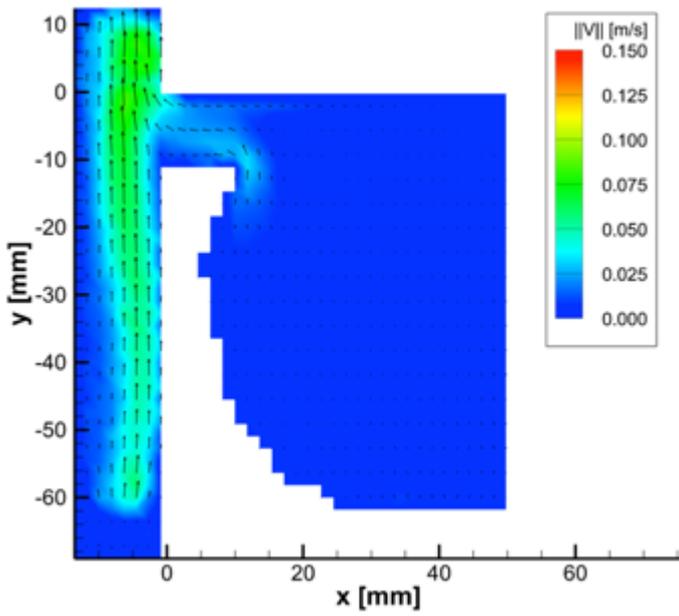


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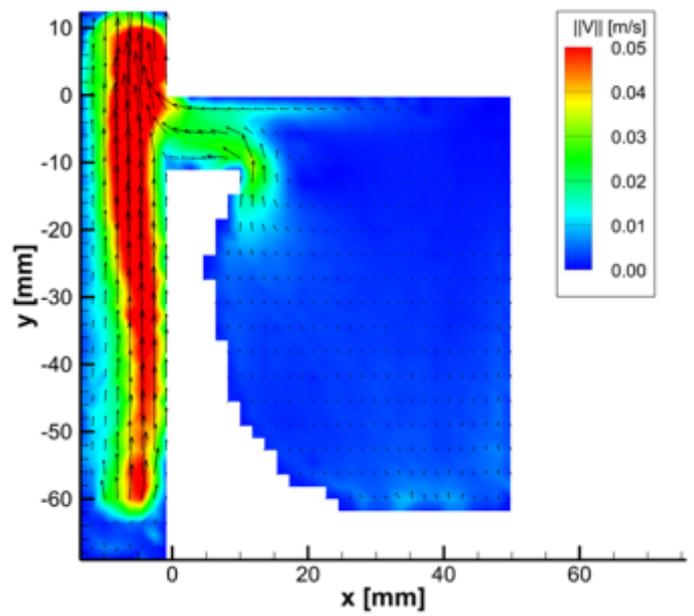


(8)

Campo de velocidades en orejuela flexible para ΔV LAA=1,2 ml en el instante $t=100$ ms

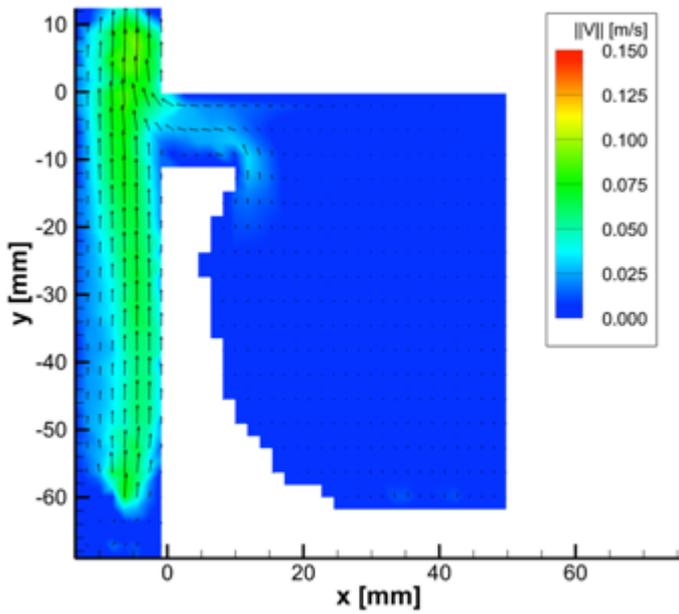


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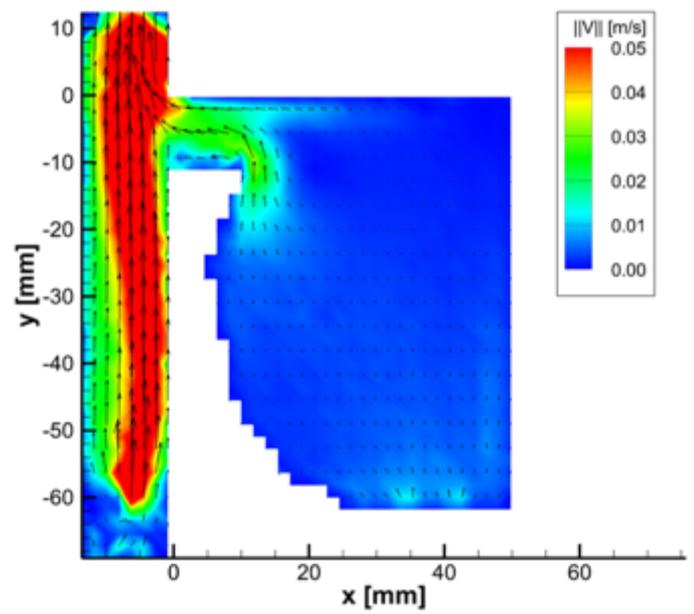


(10)

Campo de velocidades en orejuela flexible para ΔV LAA=1,2 ml en el instante t=150 ms

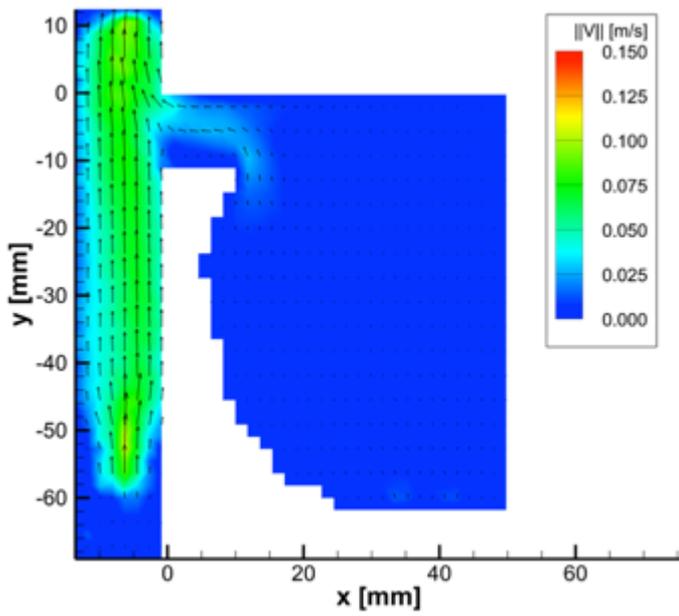


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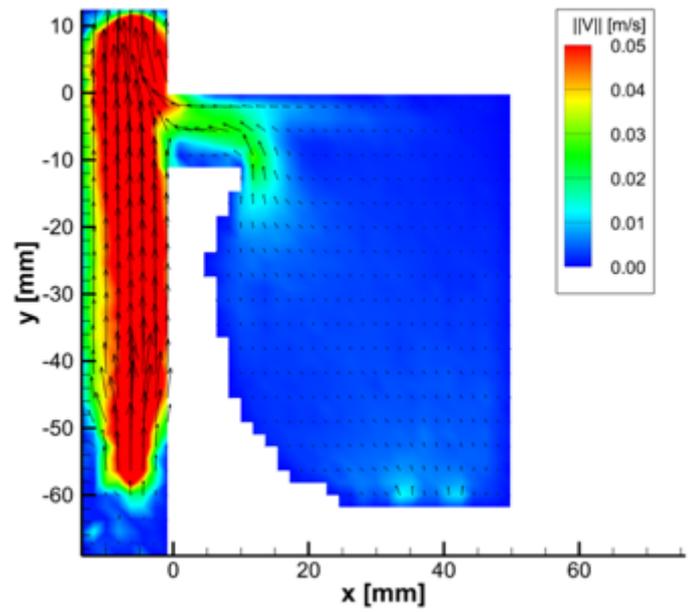


(12)

Campo de velocidades en orejuela flexible para ΔV LAA=1,2 ml en el instante t=200 ms

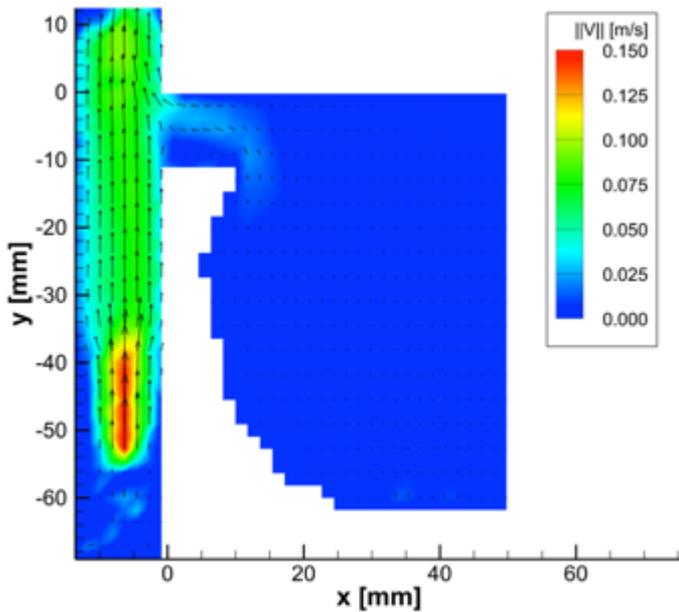


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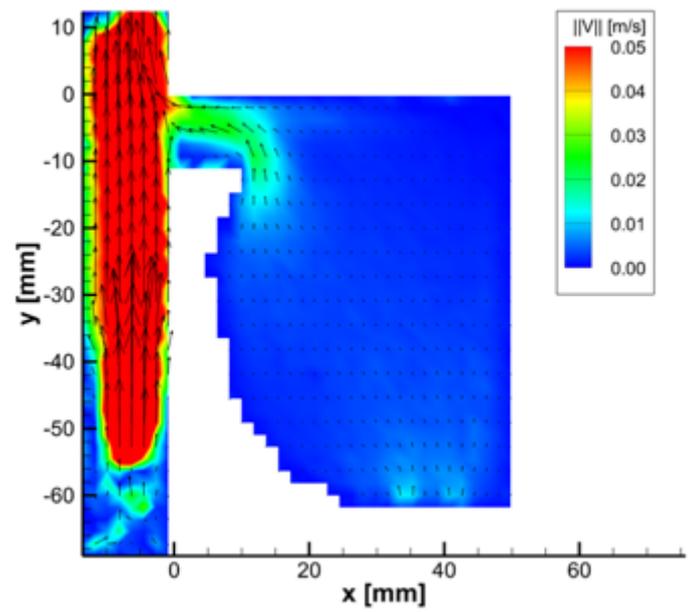


(14)

Campo de velocidades en orejuela flexible para ΔV LAA=1,2 ml en el instante $t=300$ ms

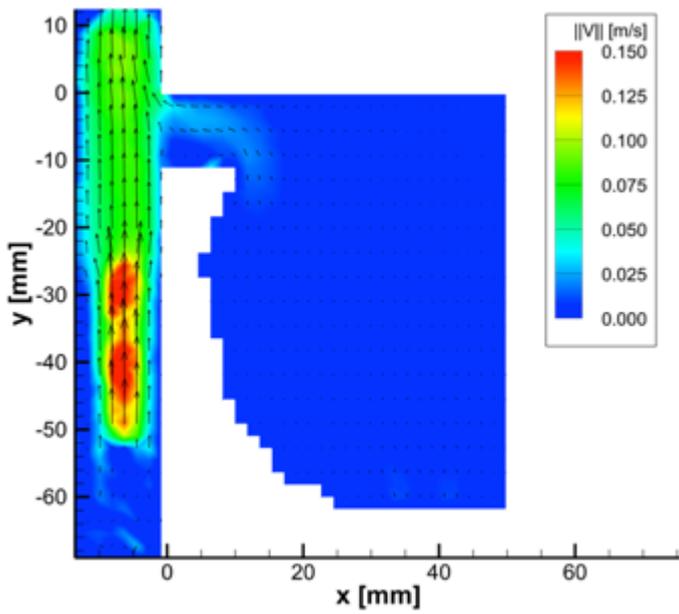


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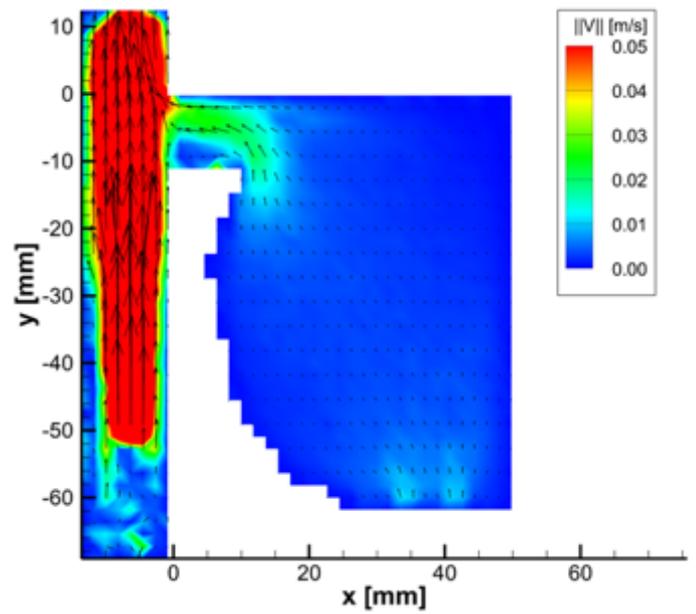


(16)

Campo de velocidades en orejuela flexible para ΔV LAA=1,2 ml en el instante $t=400$ ms

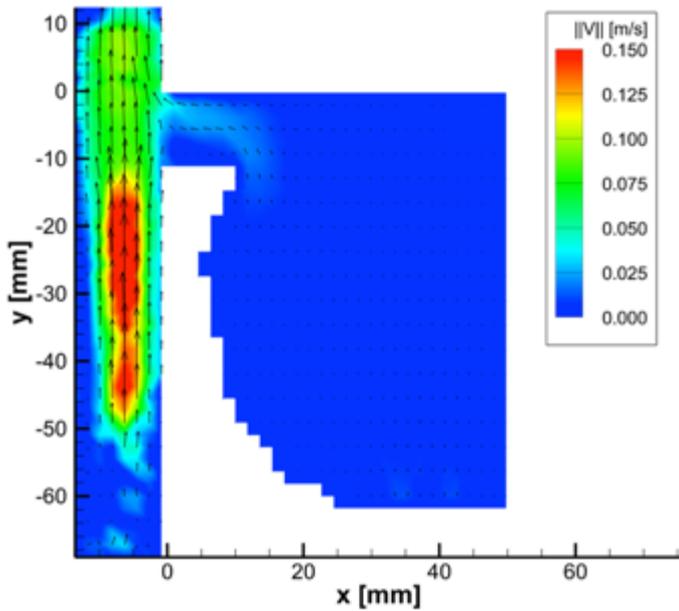


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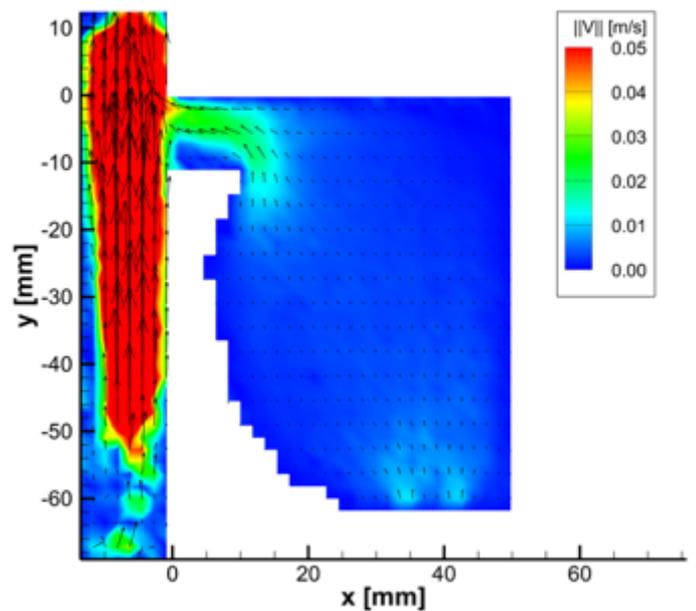


(18)

Campo de velocidades en orejuela flexible para ΔV LAA=1,2 ml en el instante t=500 ms

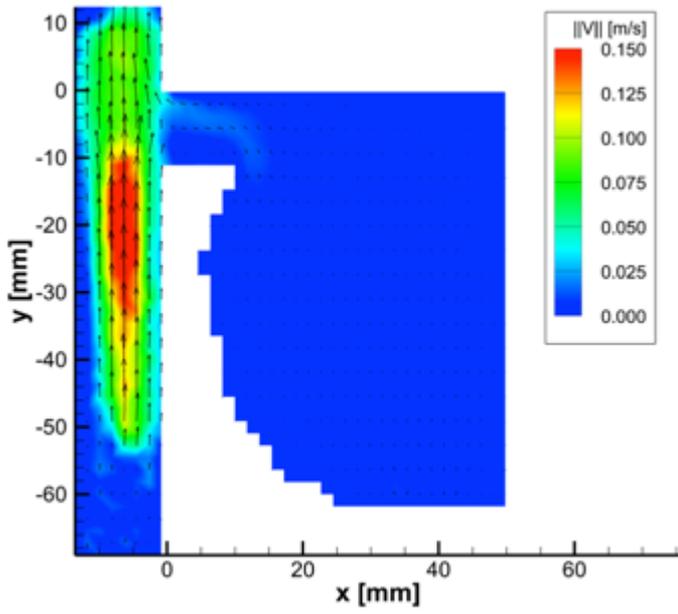


(19)

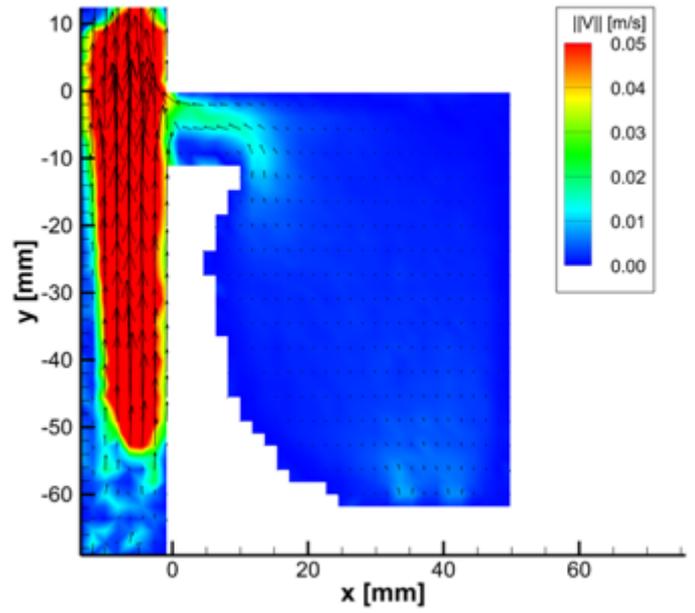


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Campo de velocidades en orejuela flexible para ΔV LAA=1,2 ml en el instante t=600 ms

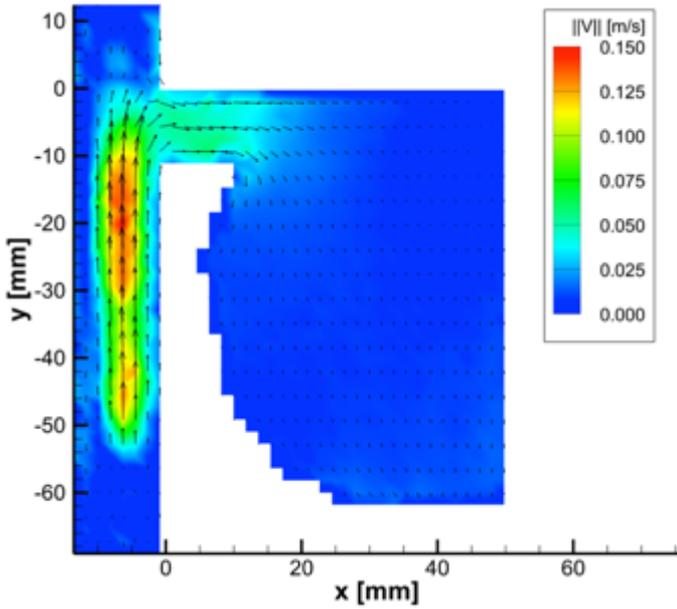


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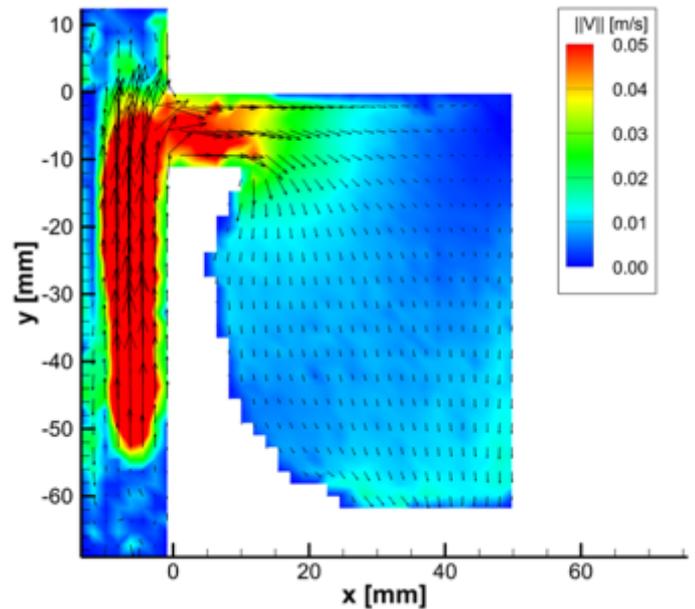


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Campo de velocidades en orejuela flexible para ΔV LAA=1,2 ml en el instante $t=650$ ms

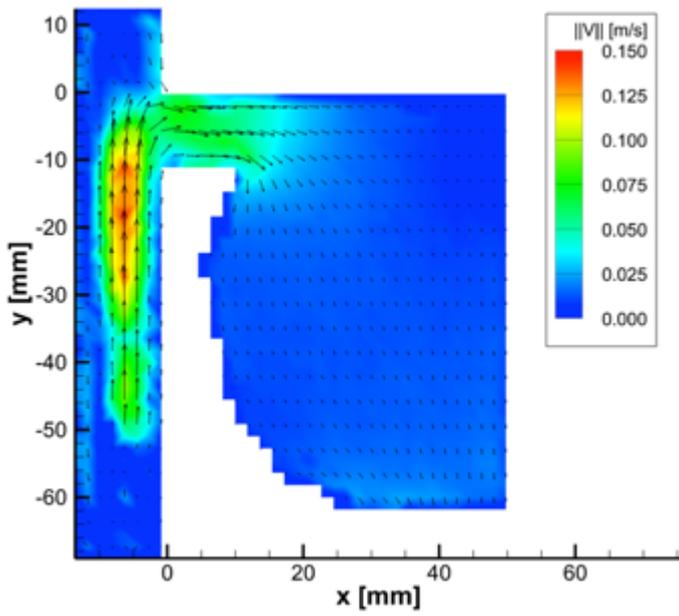


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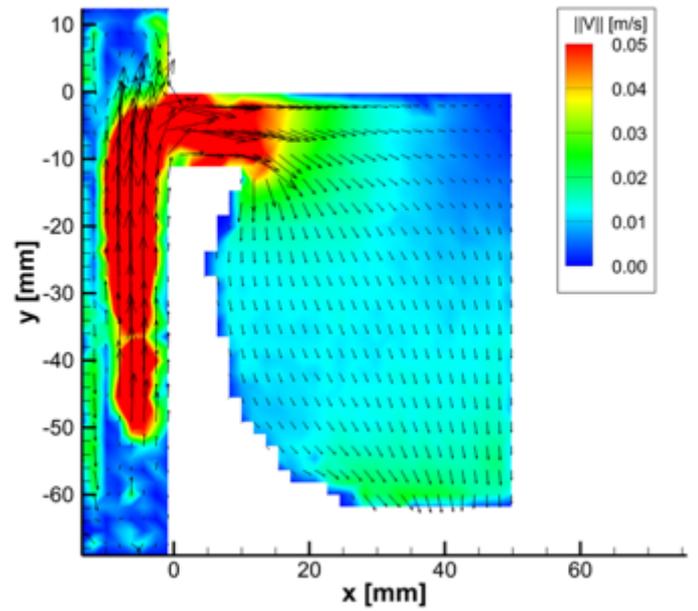


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Campo de velocidades en orejuela flexible para ΔV LAA=1,2 ml en el instante $t=675$ ms

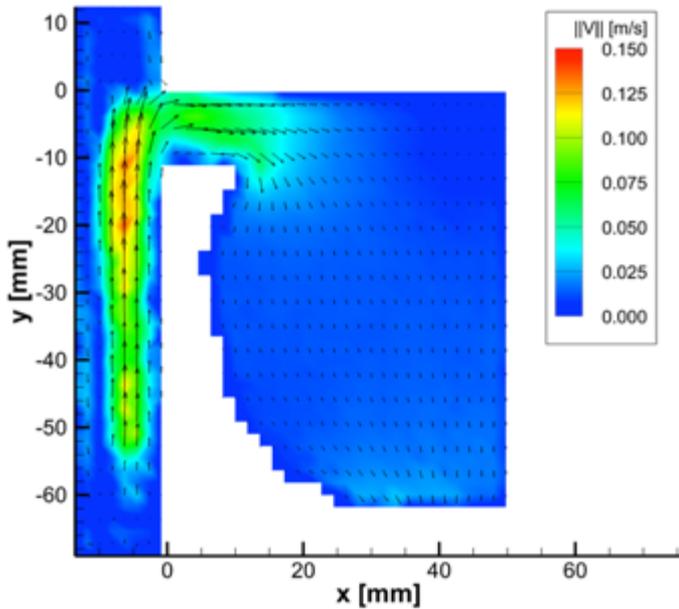


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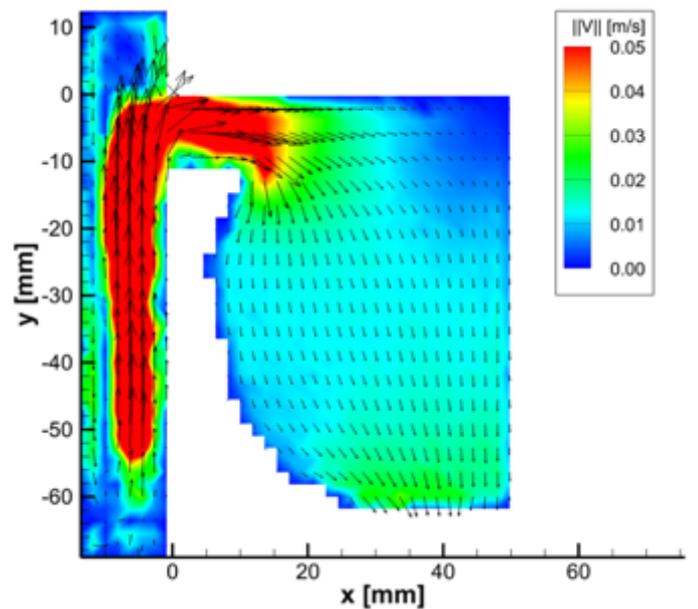


(26)

Campo de velocidades en orejuela flexible para ΔV LAA=1,2 ml en el instante $t=700$ ms

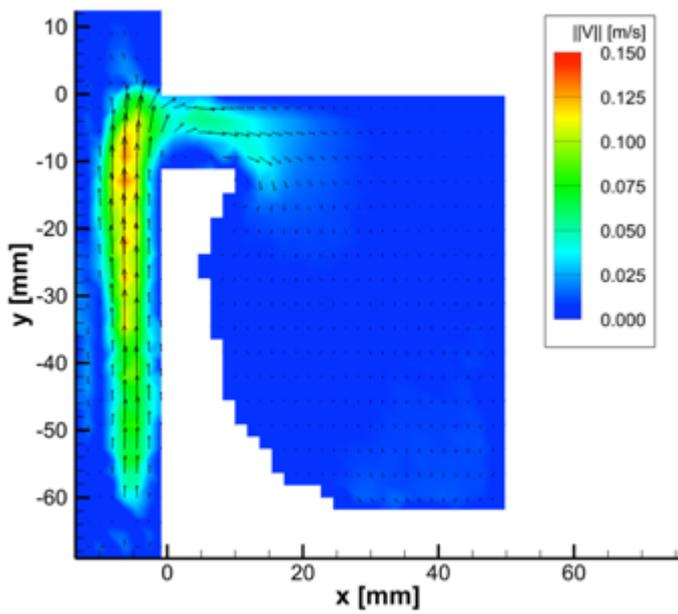


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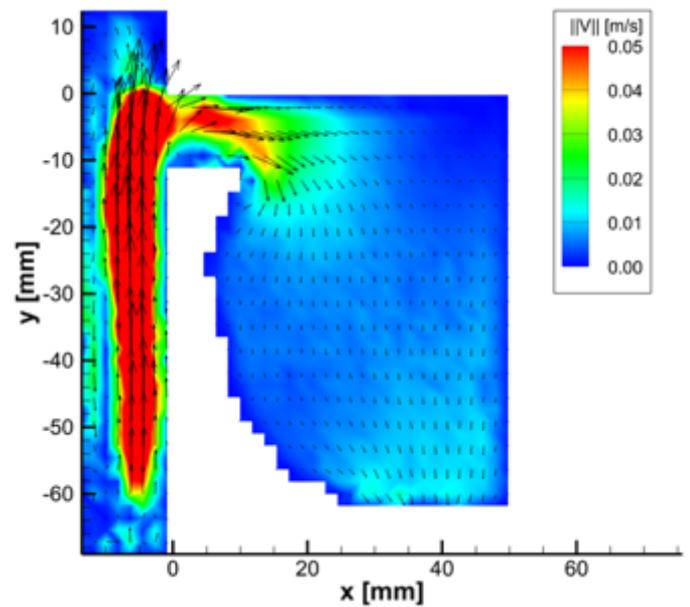


(28)

Campo de velocidades en orejuela flexible para ΔV LAA=1,2 ml en el instante $t=750$ ms

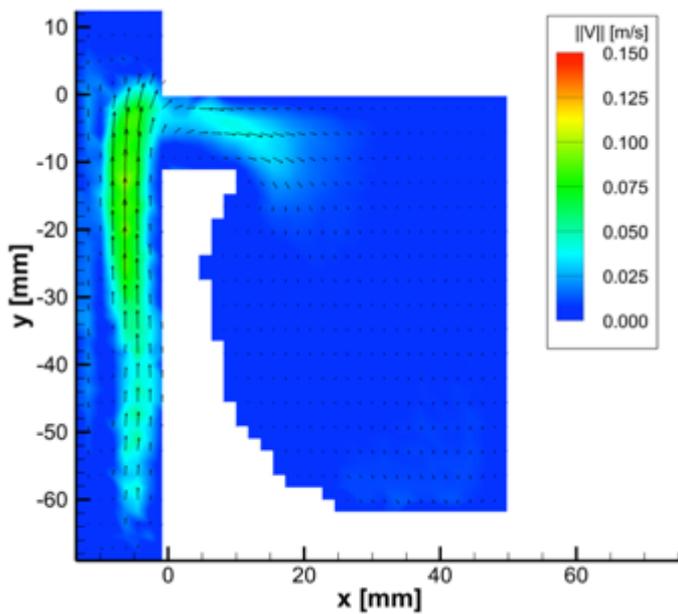


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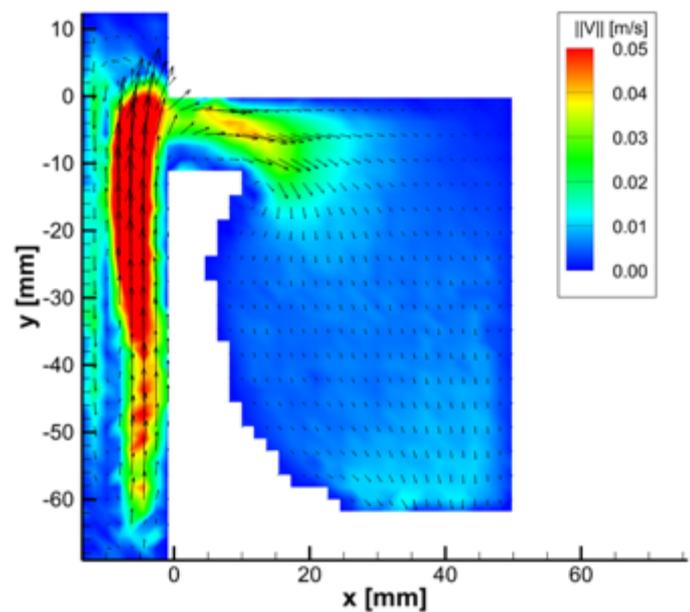


(30)

Campo de velocidades en orejuela flexible para ΔV LAA=1,2 ml en el instante t=800 ms

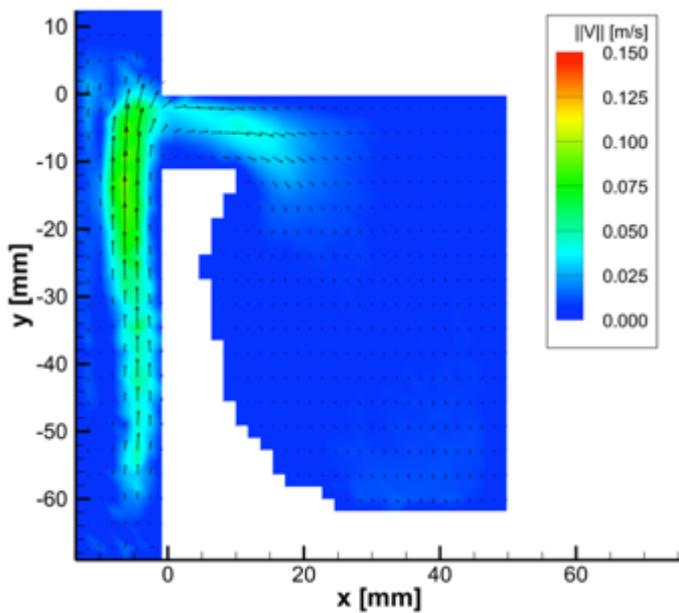


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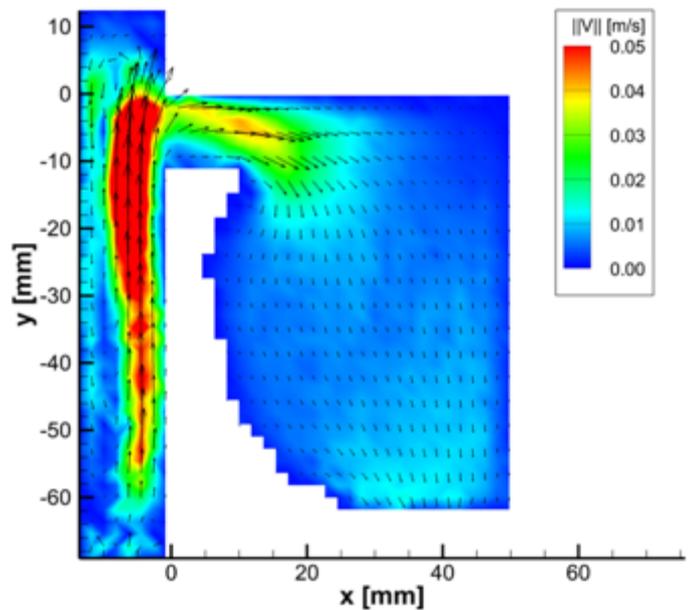


(34)

Campo de velocidades en orejuela flexible para ΔV LAA=1,2 ml en el instante t=900 ms



(35)



(36)

Campo de velocidades en orejuela flexible para ΔV LAA=1,2 ml en el instante $t=950$ ms

OREJUELA RÍGIDA

En la figura A.B.2. se muestran los instantes de medida en los que se han medido el campo de velocidad del flujo pulsante, se han realizado medidas en 1 ms, 50 ms, 75 ms, 100 ms, 150 ms, 200 ms, 300 ms, 400 ms, 500, 600 ms, 650 ms, 675 ms, 700 ms, 750 ms, 800 ms, 900 ms y 950 ms.

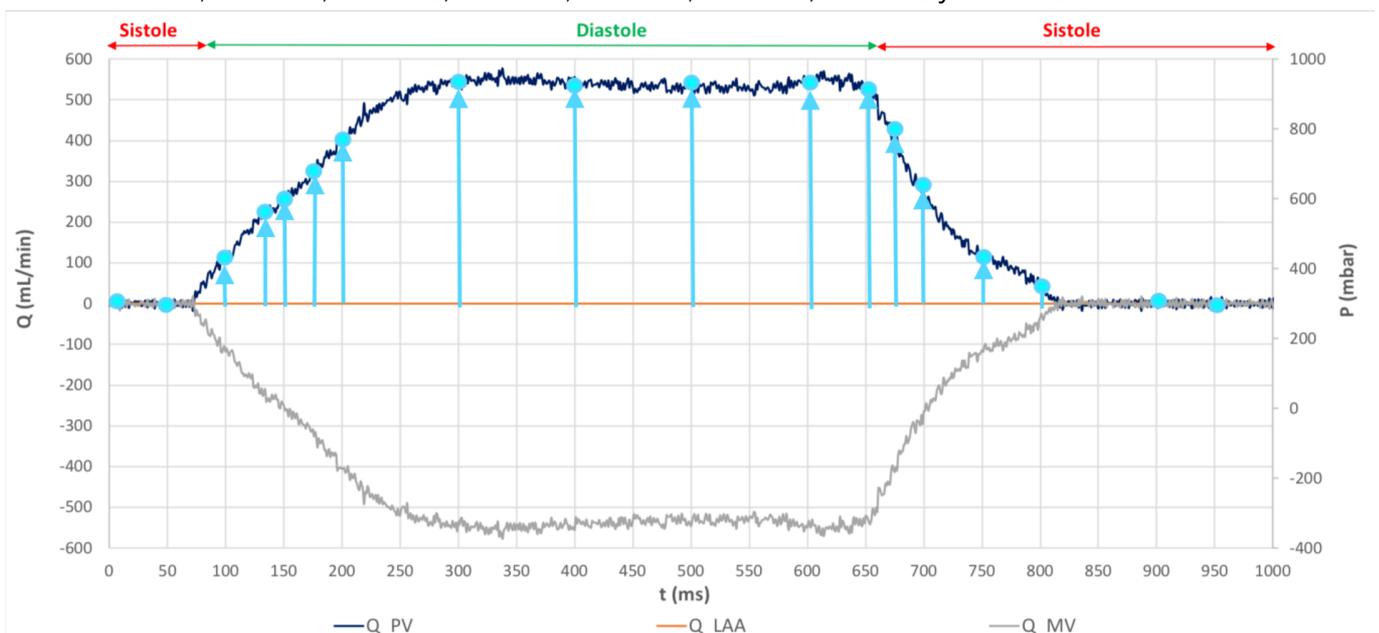
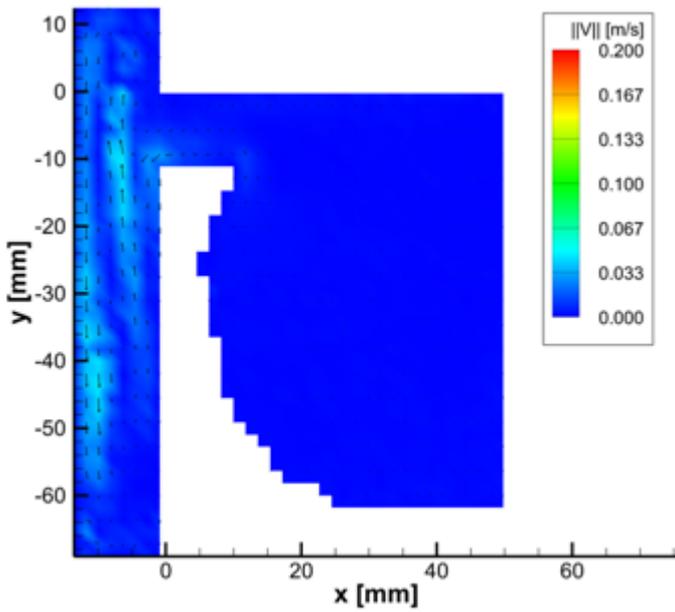
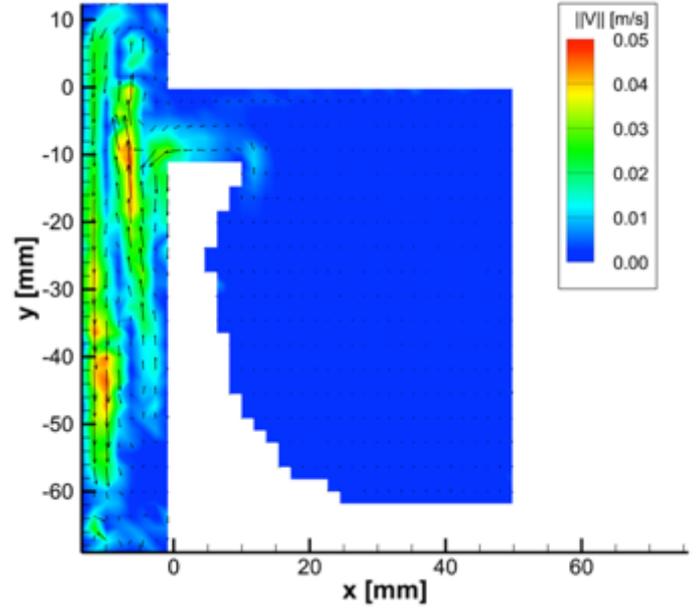


Figura A.B.2. Instantes de medida del campo de velocidad durante el ciclo cardiaco.

A continuación se mostrarán los campos de velocidad que se han medido.

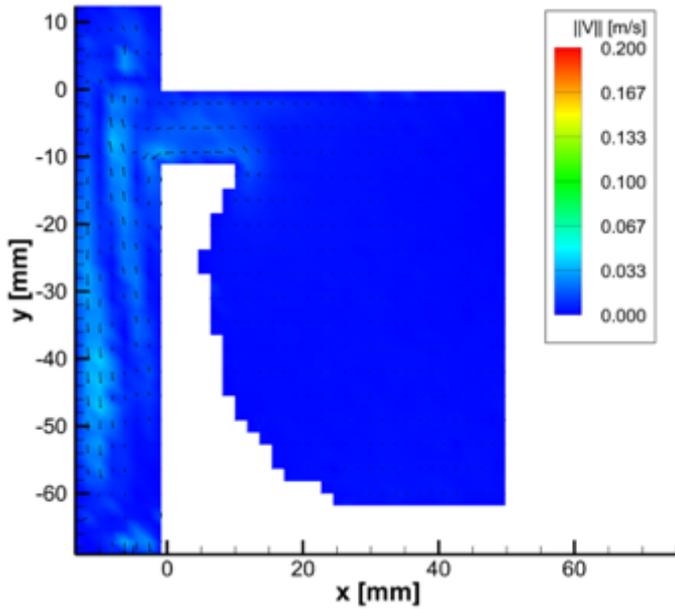


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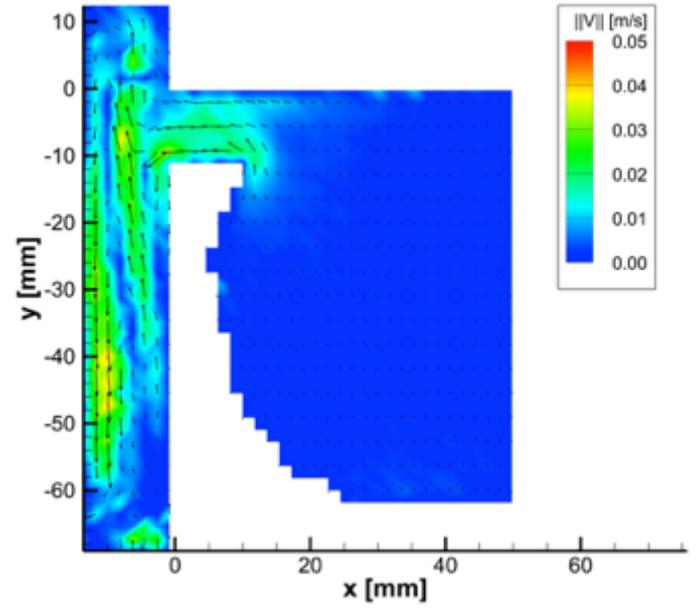


(2)

Campo de velocidades en orejuela rígida en el instante $t=1$ ms

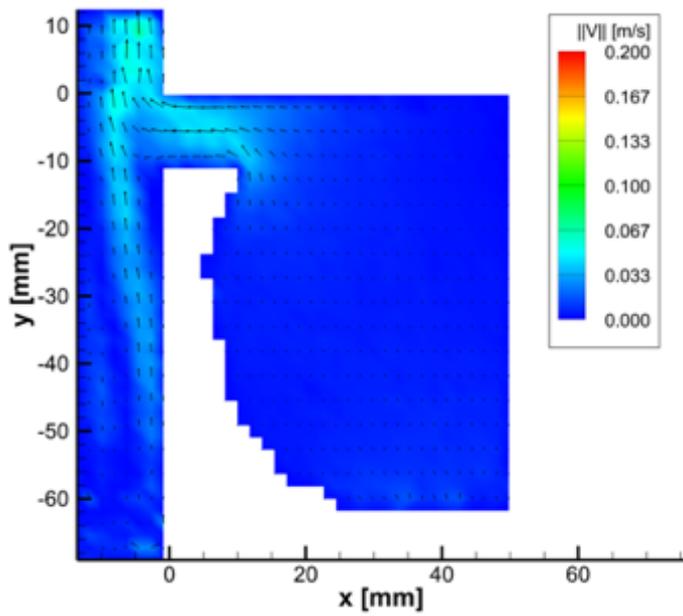


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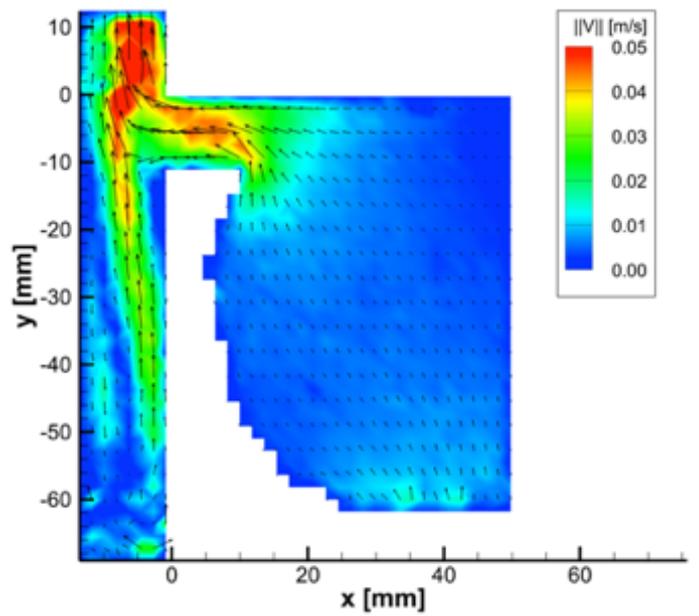


(4)

Campo de velocidades en orejuela rígida en el instante $t=50$ ms

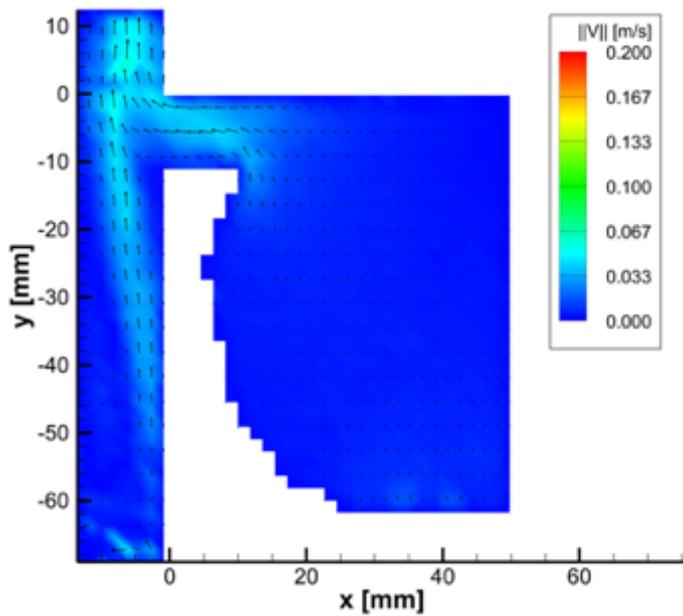


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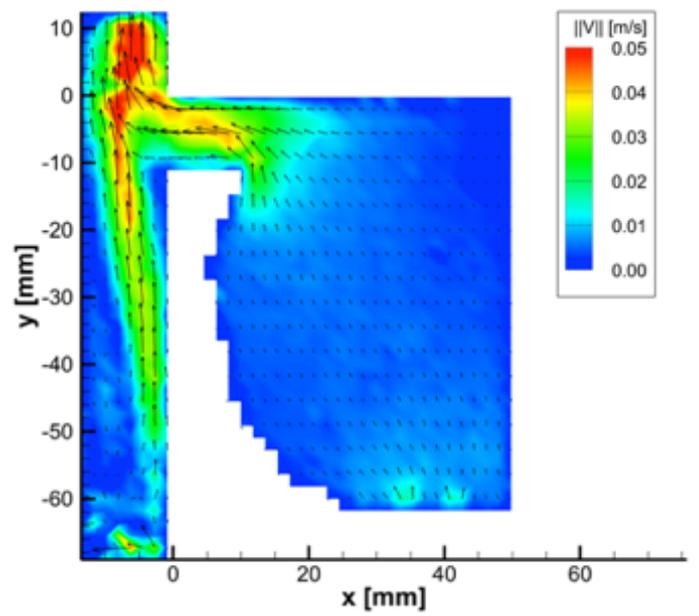


(6)

Campo de velocidades en orejuela rígida en el instante $t=100$ ms

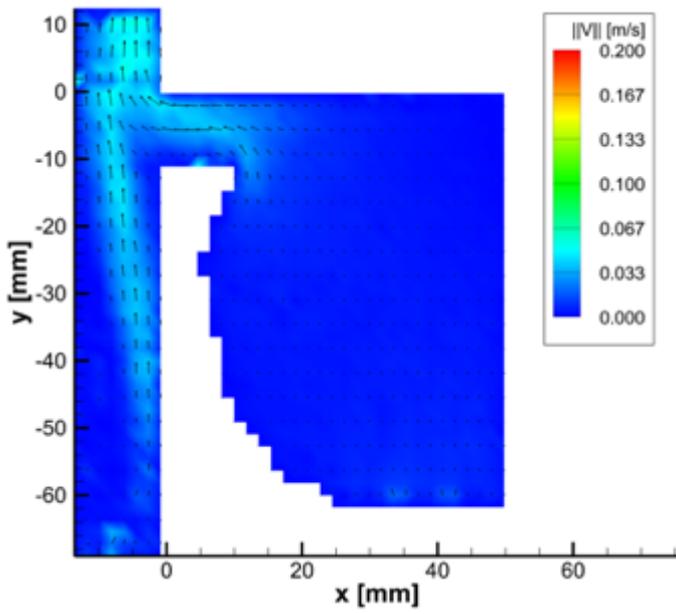


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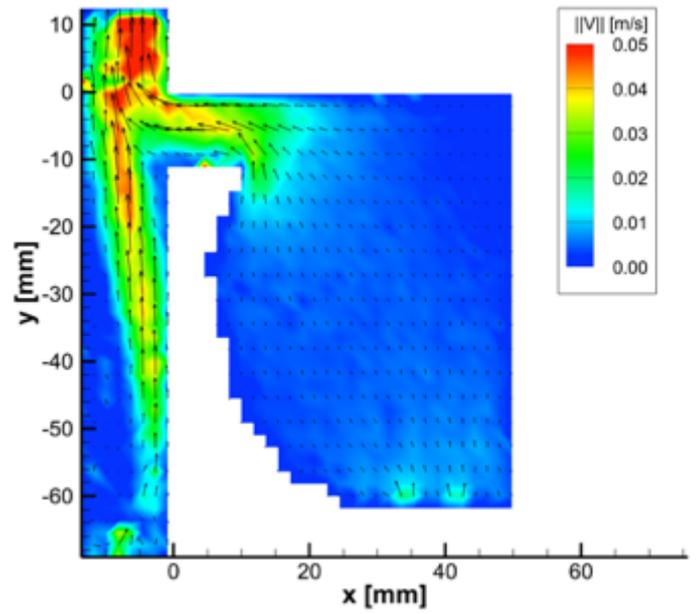


(8)

Campo de velocidades en orejuela rígida en el instante $t=135$ ms

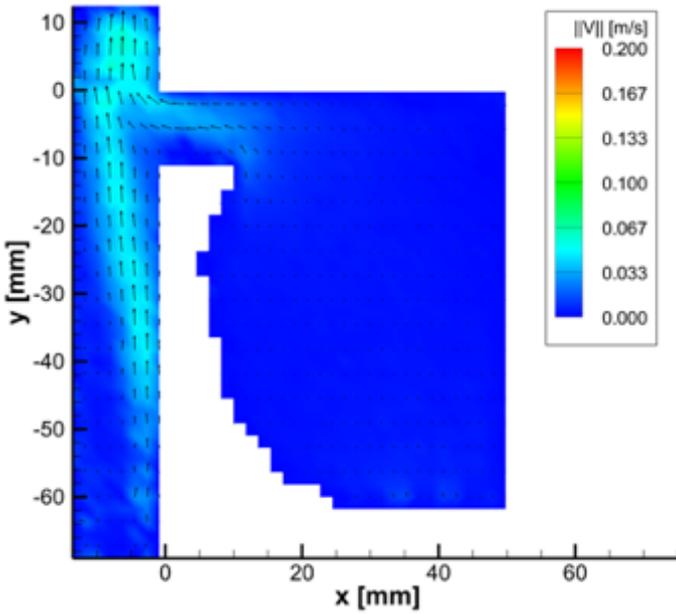


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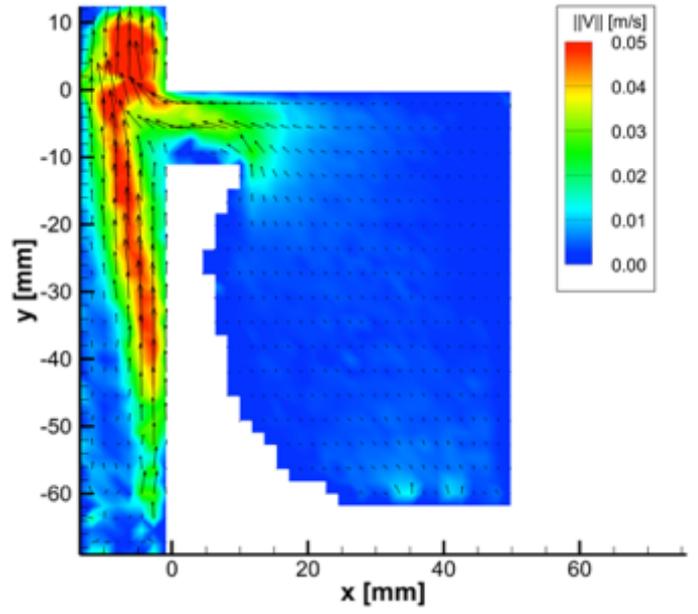


(10)

Campo de velocidades en orejuela rígida en el instante $t=150$ ms

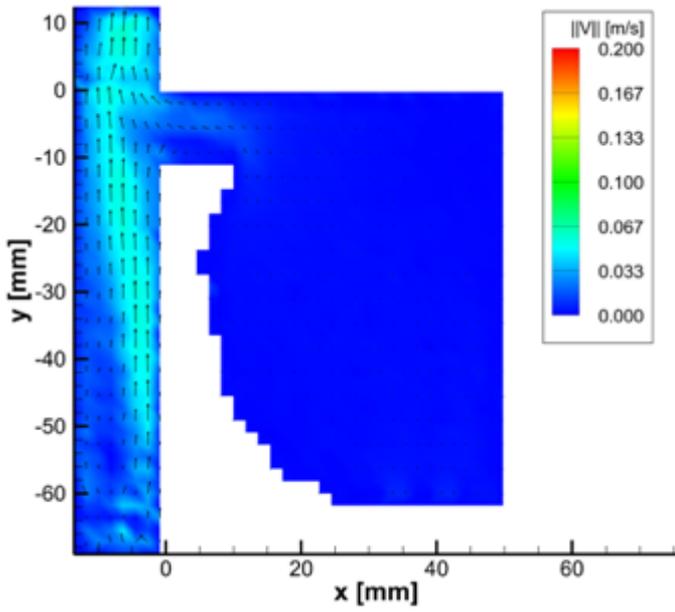


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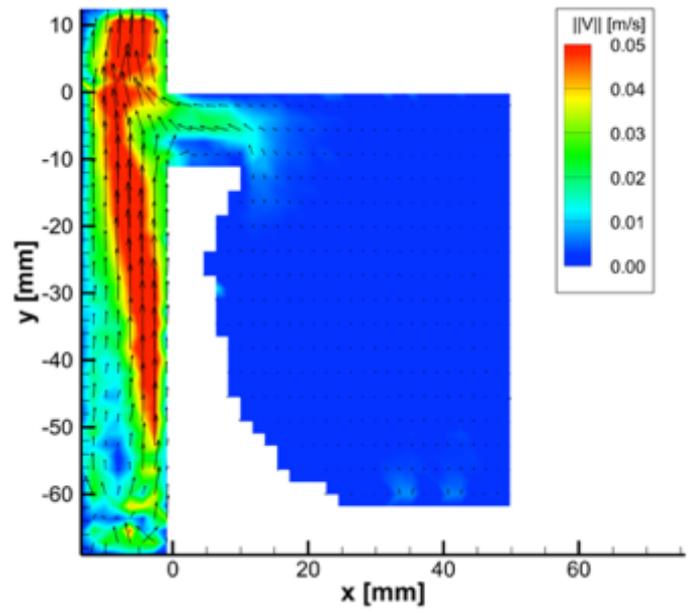


(12)

Campo de velocidades en orejuela rígida en el instante $t=175$ ms

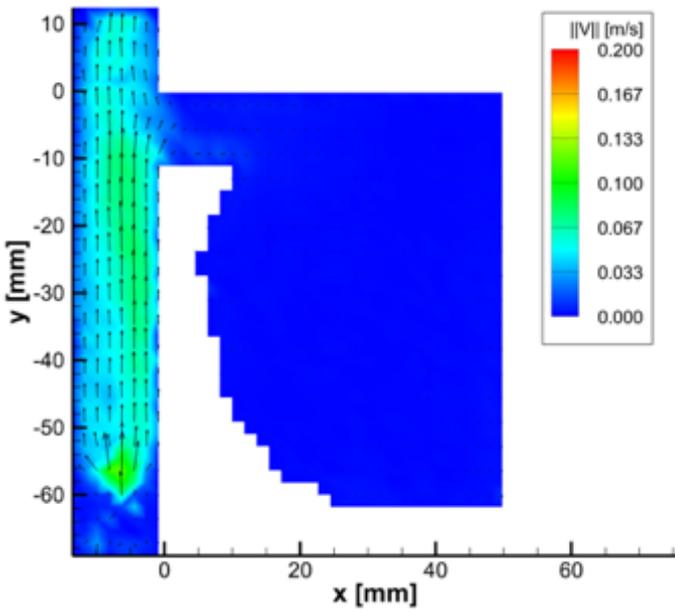


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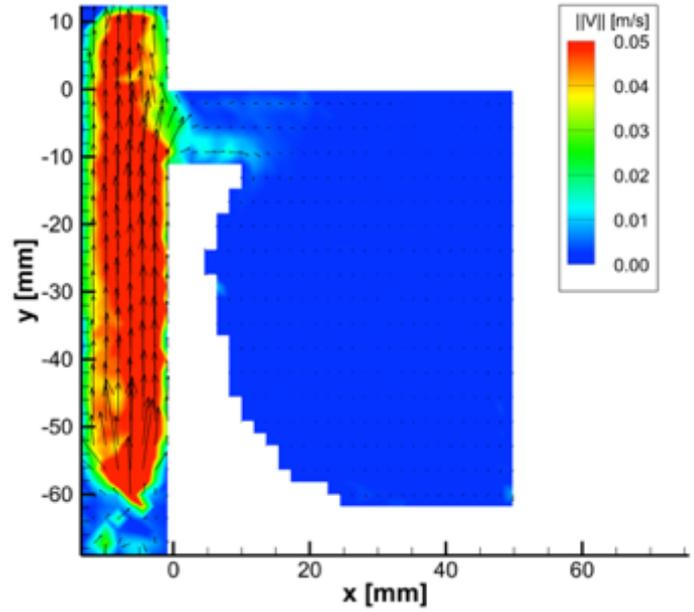


(14)

Campo de velocidades en orejuela rígida en el instante t=200 ms

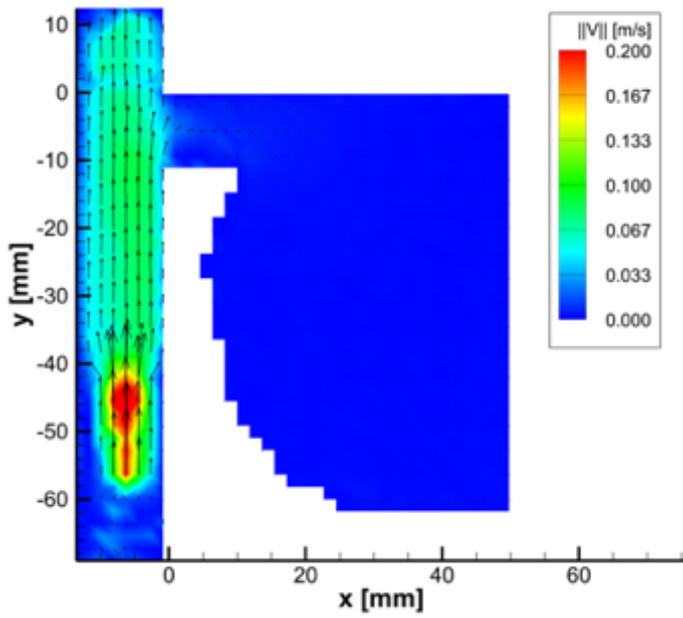


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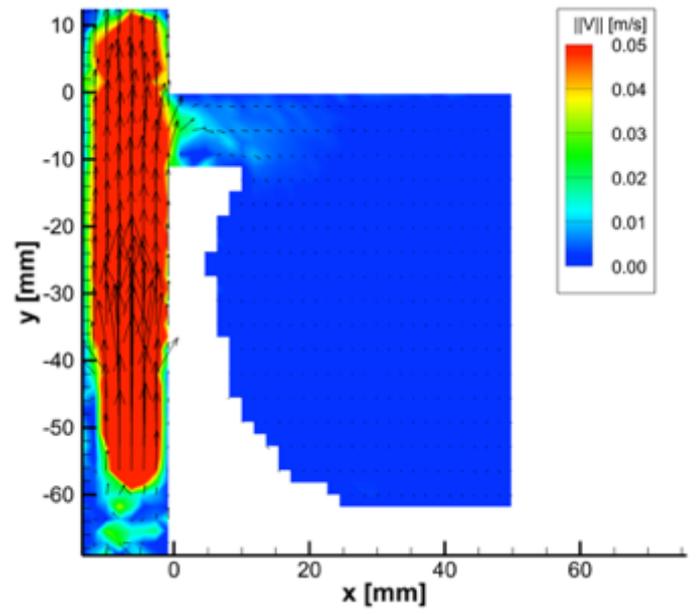


(16)

Campo de velocidades en orejuela rígida en el instante t=300 ms

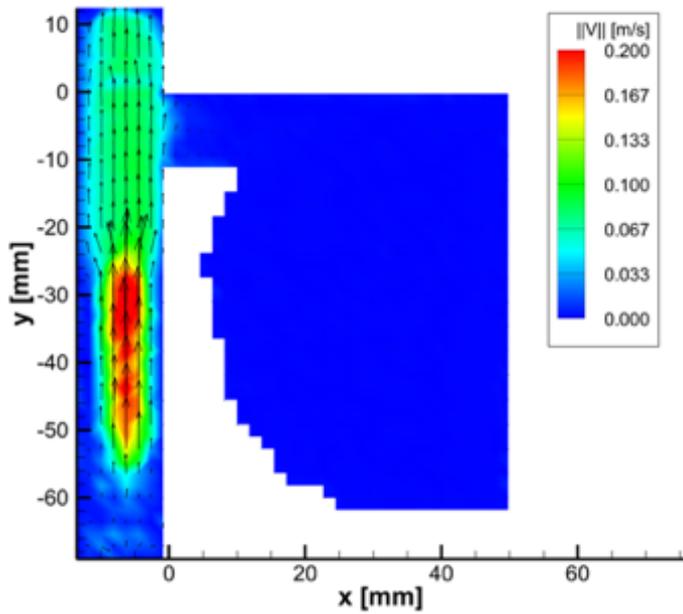


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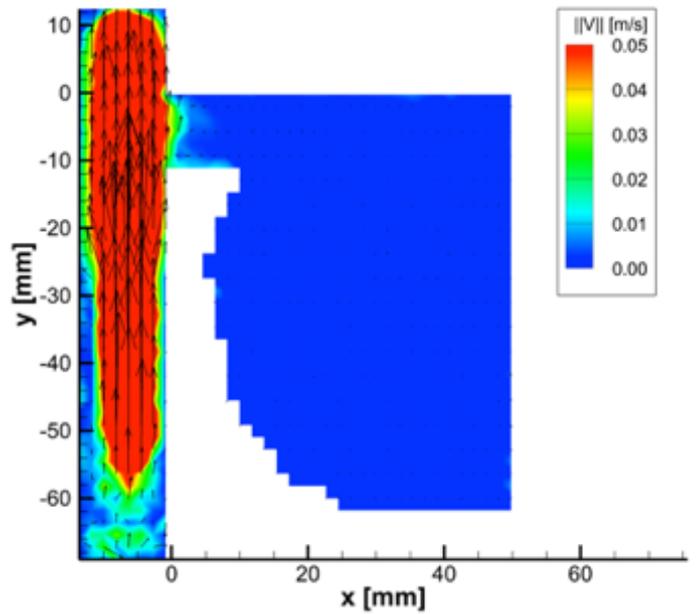


(18)

Campo de velocidades en orejuela rígida en el instante $t=400$ ms

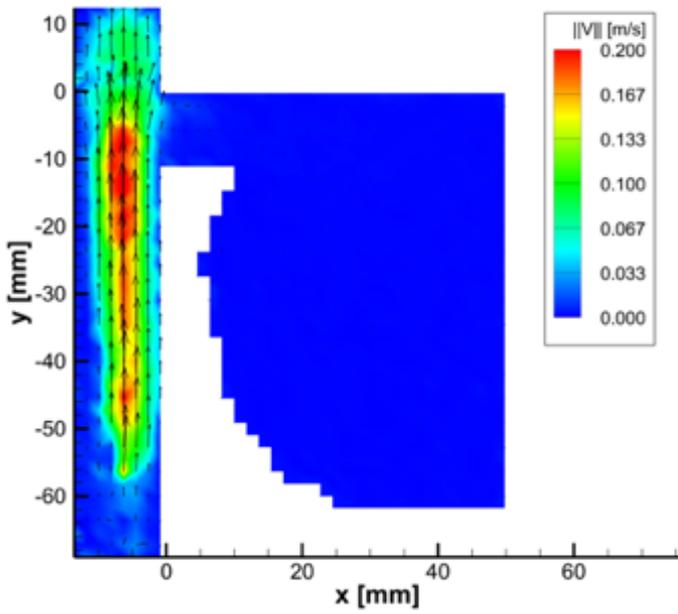


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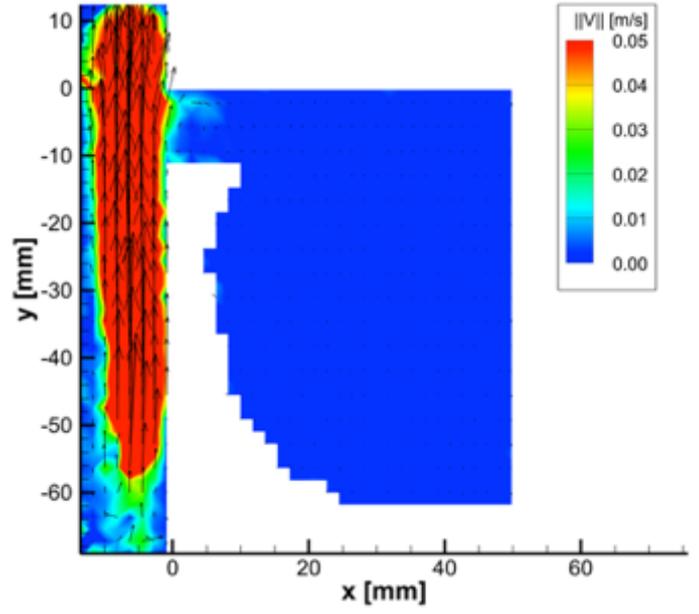


(20)

Campo de velocidades en orejuela rígida en el instante $t=500$ ms

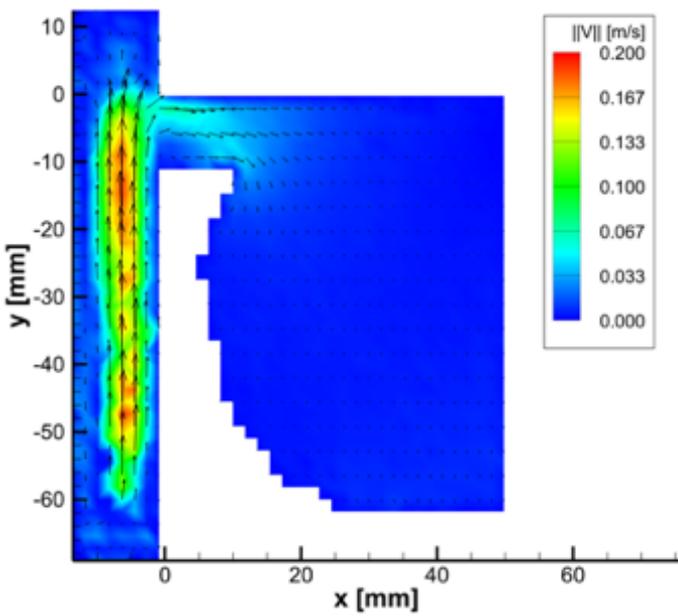


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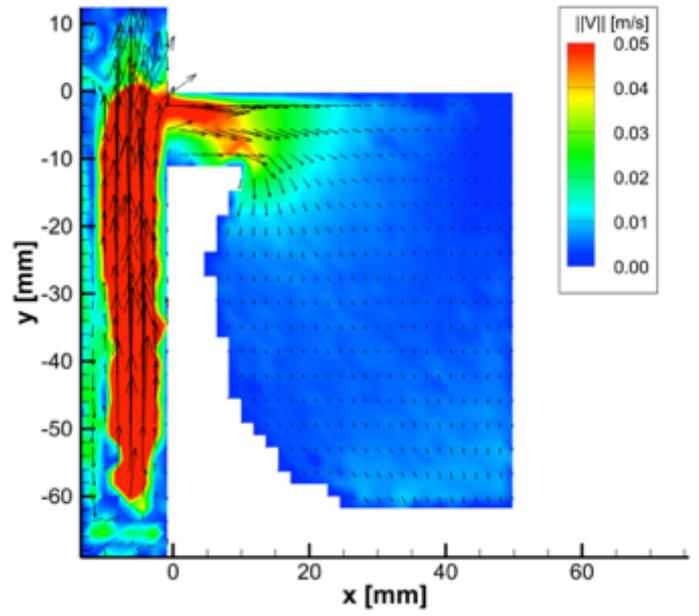


(22)

Campo de velocidades en orejuela rígida en el instante $t=650$ ms

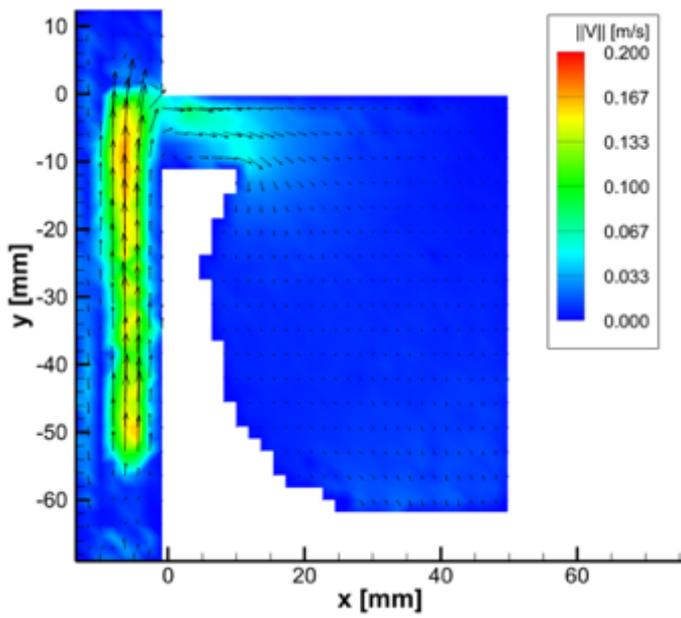


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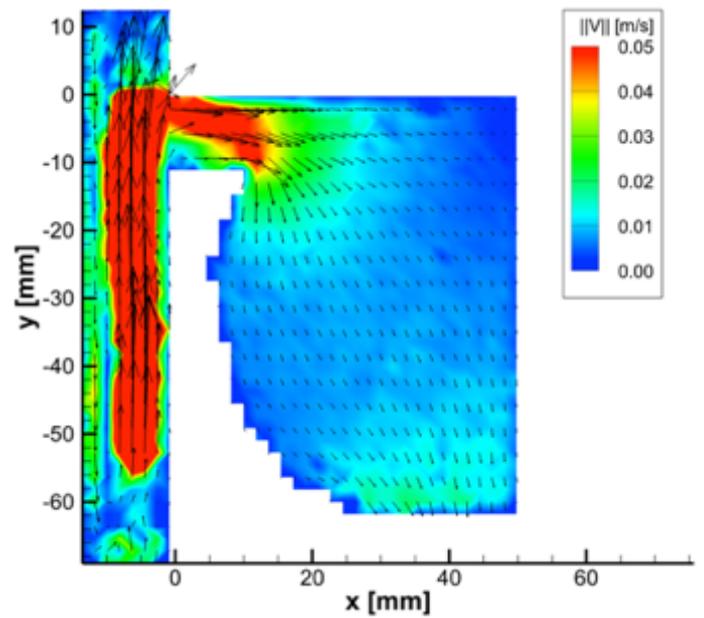


(24)

Campo de velocidades en orejuela rígida en el instante $t=675$ ms

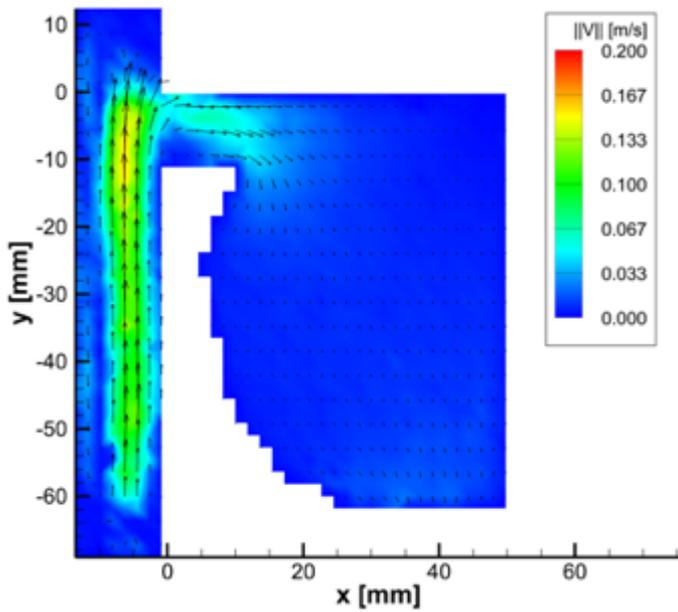


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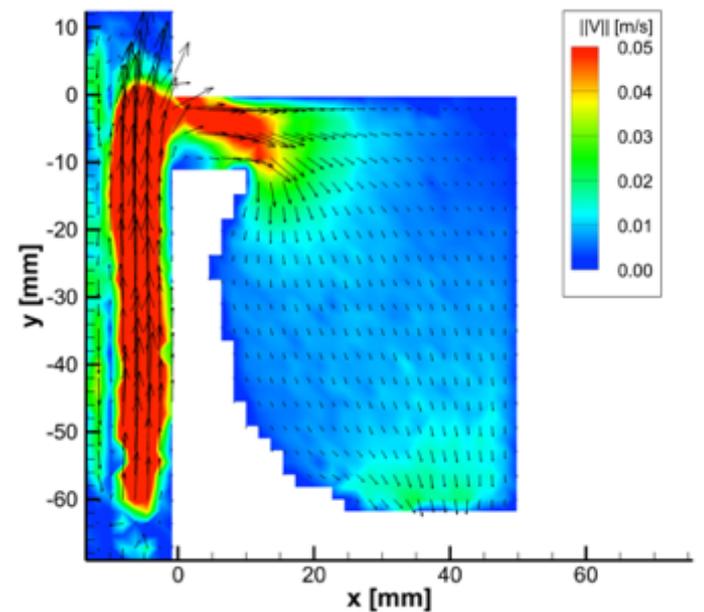


(26)

Campo de velocidades en orejuela rígida en el instante $t=700$ ms

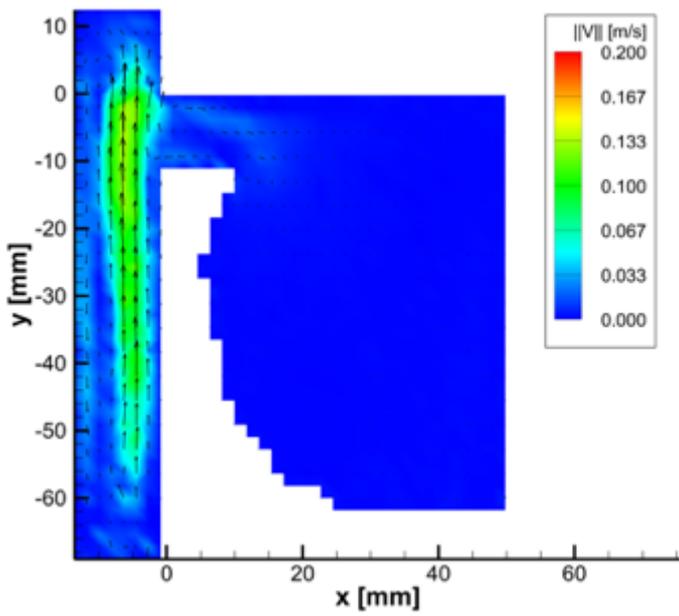


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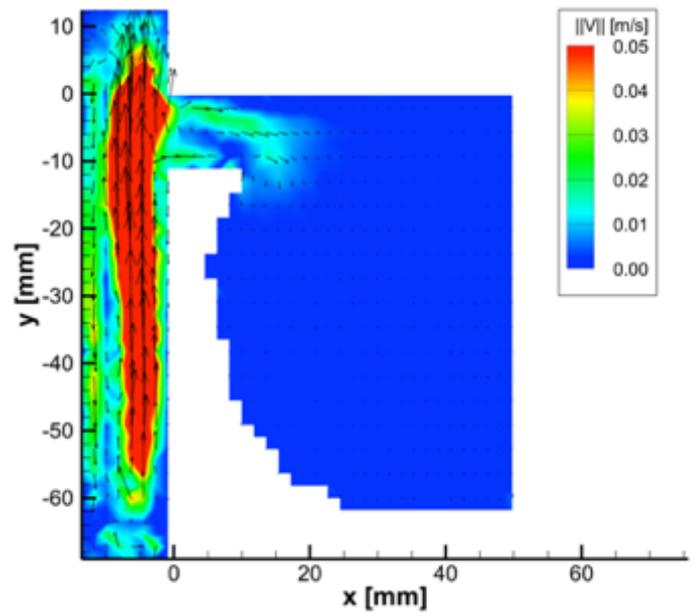


(28)

Campo de velocidades en orejuela rígida en el instante $t=750$ ms

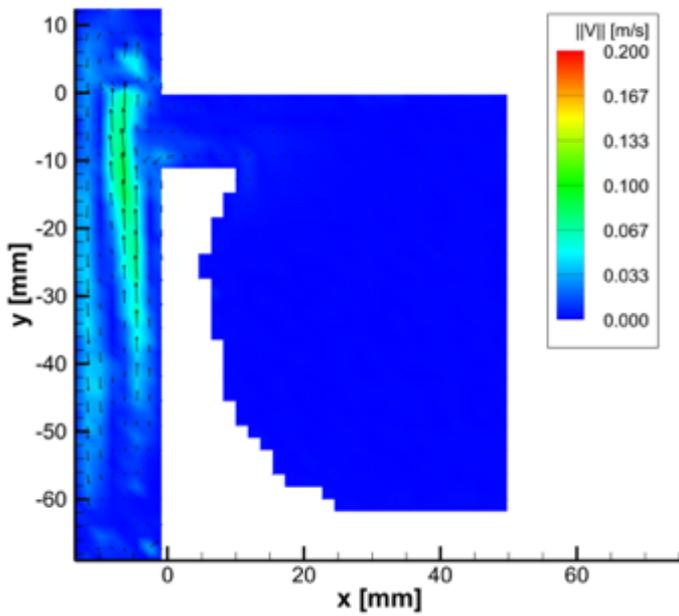


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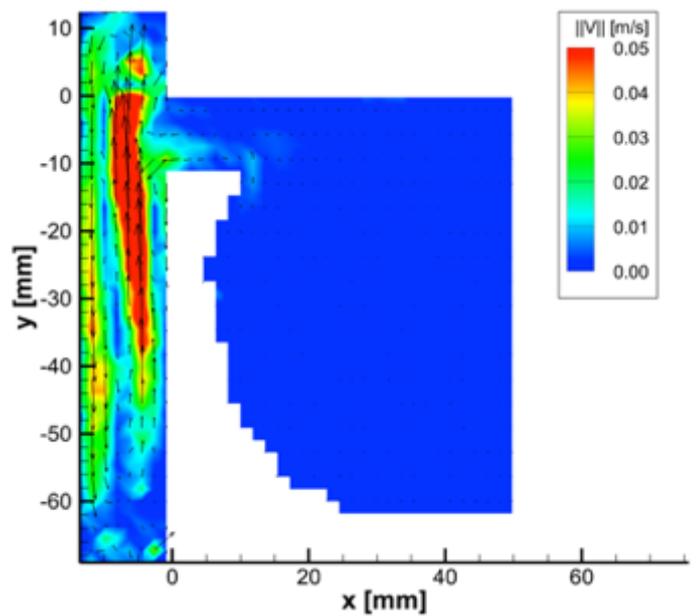


(30)

Campo de velocidades en orejuela rígida en el instante $t=800$ ms

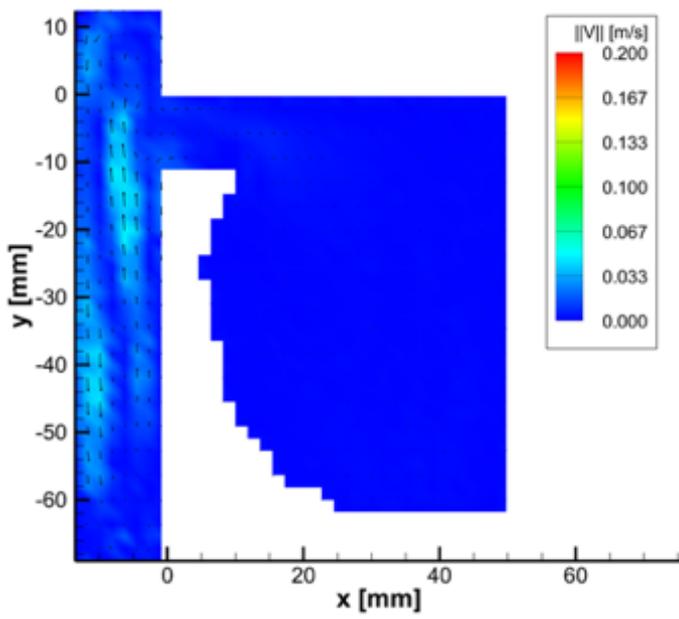


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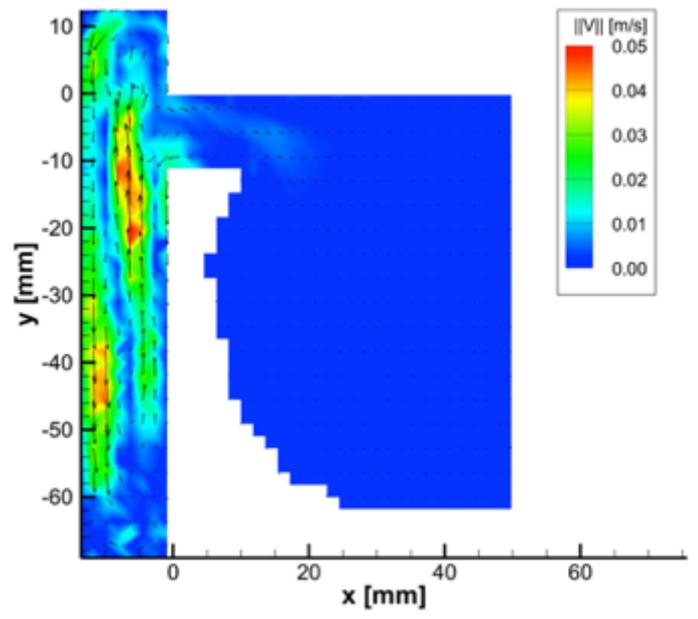


(32)

Campo de velocidades en orejuela rígida en el instante $t=900$ ms



(33)



(34)

Campo de velocidades en orejuela rígida en el instante $t=950$ ms